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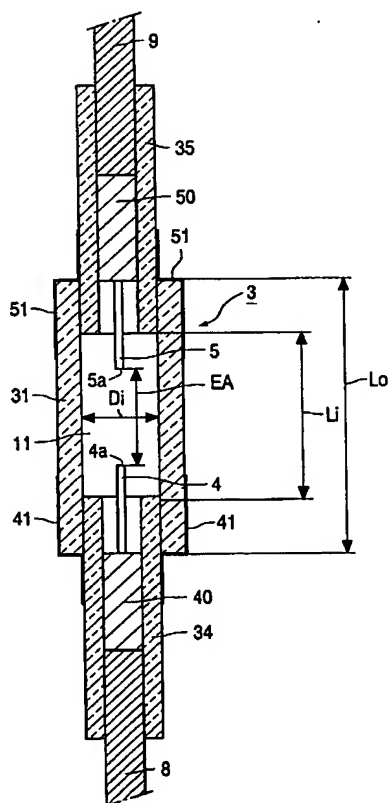
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(54) Title: MERCURY FREE METAL HALIDE LAMP



(57) Abstract: A Hg-free metal halide lamp comprising a substantially cylindrical discharge vessel with a ceramic wall having an internal diameter D_i , an internal length L_i and a wall thickness W_t , and filled with an ionizable filling, wherein two electrodes are present having a mutual distance E_A for maintaining a discharge in the discharge vessel, wherein the filling comprises an inert gas and a salt, wherein the internal length L_i is smaller than 8 mm, wherein the electrode distance E_A and the internal diameter D_i comply with the relation $E_A/D_i > 2$, wherein the inert gas pressure P_{Xe} at room temperature is at least 5 bar, and wherein the wall thickness W_t and the internal diameter D_i comply with the relation $W_t/D_i > 0.15$.

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